
REPORT OF THE TRUSTEES

OF THE

MASSACHUSETTS

HOSPITAL FOR EPILEPTICS

(POST-OFFICE AND RAILROAD STATION, PALMER)

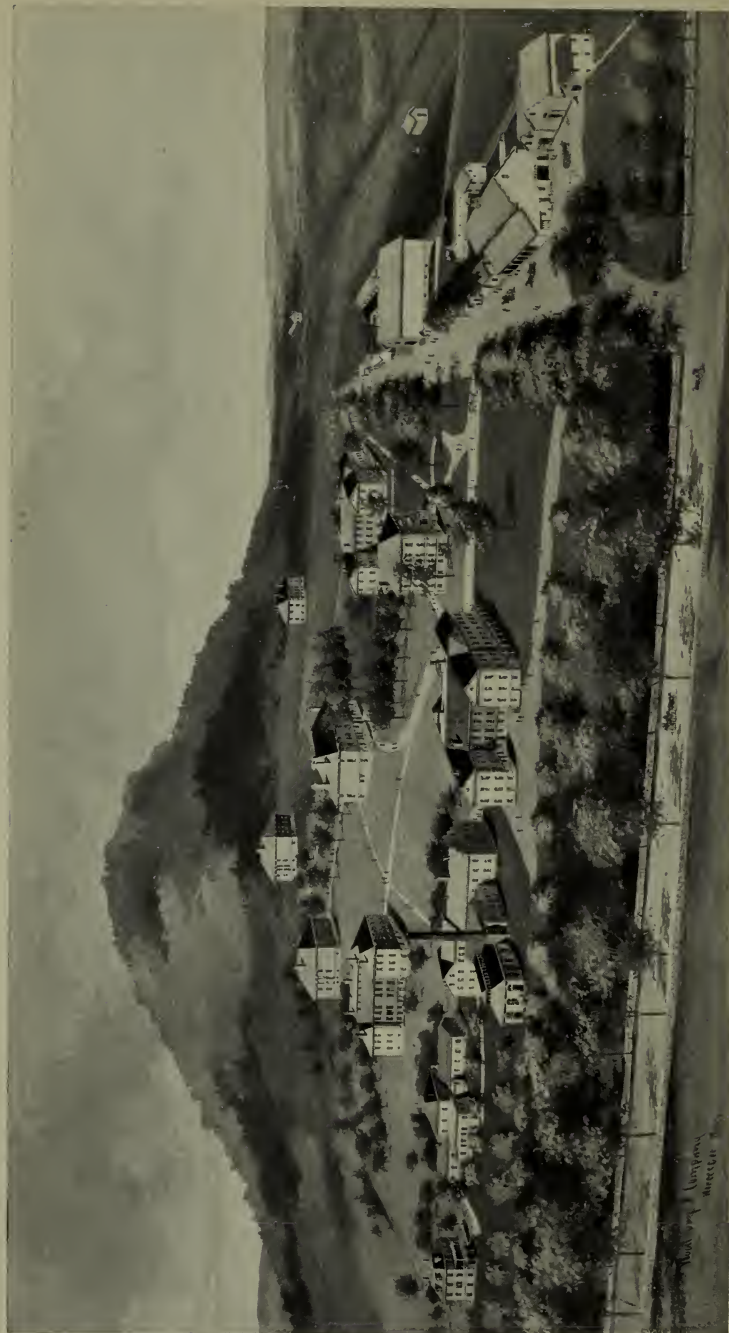
FOR THE

YEAR ENDING SEPTEMBER 30, 1902.



BOSTON :

WRIGHT & POTTER PRINTING CO., STATE PRINTERS,
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1903.



BIRD'S-EYE VIEW OF THE MASSACHUSETTS HOSPITAL FOR EPILEPTICS.

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MASSACHUSETTS: *Monroe state*

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STATE HOUSE, BOSTON
Mass. Officials

APPROVED BY
THE STATE BOARD OF PUBLICATION.

MASS. STATE BOARD OF PUBLICATION
TO
THE STATE HOUSE

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OFFICERS

OF THE

MASSACHUSETTS HOSPITAL FOR EPILEPTICS.

TRUSTEES.

| | |
|---|--------------|
| WILLIAM N. BULLARD, M.D., <i>Chairman</i> , . . . | BOSTON. |
| CHARLES A. CLOUGH, <i>Secretary</i> , . . . | GROTON. |
| ADELAIDE A. CALKINS, . . . | SPRINGFIELD. |
| MABEL W. STEDMAN, . . . | BROOKLINE. |
| HENRY P. JAKUES, M.D., . . . | LENEX. |
| WALTER W. SCOFIELD, M.D., . . . | DALTON. |
| WINFORD N. CALDWELL, . . . | SPRINGFIELD. |

RESIDENT OFFICERS.

| | |
|---------------------------------|---|
| EVERETT FLOOD, M.D., . . . | <i>Superintendent.</i> |
| ARTHUR O. MORTON, M.D., . . . | } <i>Assistant Physician and</i> <i>Pathologist.</i> |
| MORGAN B. HODSKINS, M.D., . . . | |
| LILLIAN M. KINCAID, . . . | <i>Clerk.</i> |
| MARY W. WENTWORTH, . . . | <i>Stenographer.</i> |
| CHARLES F. SIMONDS, . . . | <i>Steward and Storekeeper.</i> |
| GEORGE E. BATES, . . . | <i>Engineer.</i> |
| J. W. WILLIAMS, . . . | <i>Farmer.</i> |

TREASURER.

| | |
|-----------------------|---------|
| CHAS. B. FISKE, . . . | PALMER. |
|-----------------------|---------|

OFFICE AT THE HOSPITAL.

Commonwealth of Massachusetts.

TRUSTEES' REPORT.

To His Excellency the Governor and Honorable Council.

We have to report the following appropriations, and disposition made of them.

The only unexpended appropriation of 1900 is one of \$9,500 for a laundry building and machinery. This building is 120 feet long, 60 feet wide, constructed with a monitor roof. It has a granolithic floor over one half and a wooden floor with a large basement room in the other half. The basement room will be available for the use of steam fitters' supplies and apparatus, and will make a convenient work room for steam fitting and other such work.

The construction of this building has gone on very slowly, because we have tried to have as much of the work as possible done by the labor of the patients and of the regular hospital employees; it is now, however, practically completed, and some of the machinery has already been put in place. It is likely that the transfer of the rest of the machines from the old laundry and the purchase of such new machines as our means will allow will be completed within the next few months. We now feel that we have a thoroughly convenient and commodious laundry.

The treasurer's statement renders an account of all other appropriations in full for the year 1900.

The buildings erected with these funds have now been fully completed and furnished.

Appropriations for the construction and furnishing of a nurses' home and for an electric building and its equipment were granted us by the last Legislature, and the work on

these buildings has been begun. An immense amount of research has been necessary relative to the electric outfit; but we hope to install a plant that will be both economical and capable of being modified to such a degree that it will not soon become out of date. By the application of this power, light and heat, we shall be able to carry on our work much more satisfactorily and with greater economy.

The home for nurses, women only, provides a small single room for each nurse. We have made this building plain, and reduced its size and the price for its construction to a very low limit. The furnishing will also have to be most economically managed; but we expect it to provide for the women nurses more satisfactory and comfortable quarters than they now have, as well as to diminish somewhat the crowded condition of the wards by making available for patients some rooms now used for nurses.

We have already submitted to the State Board a statement covering in a general way our plans for the future. We trust that we may accomplish our part in filling in the general plan of the State Board in caring for the insane and epileptic. We expect to provide for a few more patients this year and for others in the succeeding years as means are granted us, and to do this, a pretty definite plan has been reached, — one which will, in our opinion, best further the interests of the several grades of patients to be cared for here.

For the coming year our plans have been practically matured, though we have had to select from among a number of very pressing needs those most immediately pressing. We have decided our most urgent requirement to be a farm group to care for our farm workers, both patients and employees, and to give increased space for stock and produce. The removal of this group of patients from our present buildings will enable us to classify our patients to better advantage than before, since we can thus separate our farm working patients from the other patients, giving them greater liberties and privileges, while at the same time rendering them more efficient for our work; removing the farm employees somewhat from the general employees of the hospital, and providing for a certain number of additional patients. We also consider that it is wise to increase

our facilities for producing milk and farm produce. These results may be accomplished by the construction of entirely new buildings for the farm group, or it may come about from the purchase of land upon which certain buildings already exist, modifying these buildings to meet our needs and constructing new ones. The cost will be practically the same in either case.

The estimate for this, being reduced to the lowest economical limit, has been set at \$50,000. Accurate figures and details will, according to custom, be furnished to the State Board. For this sum we expect to add buildings for the accommodation of about 40 patients who can do farm work, a suitable home for our farmer and his helpers and to furnish facilities for the care of additional stock; and we hereby petition the Legislature for an appropriation of that sum, to be expended, or so much of it as shall be necessary, for such purposes.

To our great regret, Col. H. M. Phillips declined reappointment last July. He has been a valuable member of the Board, and from his special knowledge has been able to furnish us with information which we could have obtained only with great difficulty elsewhere. Mr. W. N. Caldwell of Springfield has been appointed his successor.

Respectfully submitted,

WILLIAM N. BULLARD.
CHARLES A. CLOUGH.
ADELAIDE A. CALKINS.
MABEL W. STEDMAN.
HENRY P. JAQUES.
WALTER W. SCOFIELD.
WINFORD N. CALDWELL.

REPORT OF THE SUPERINTENDENT.

To the Trustees of the Massachusetts Hospital for Epileptics.

The following report is respectfully submitted :—

| | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|--------|
| Number of patients Sept. 30, 1901, | . | . | . | . | . | . | . | . | 270 |
| Since admitted :— | | | | | | | | | |
| Sane (4 from visit), | . | . | . | . | . | . | . | . | 69 |
| Insane, | . | . | . | . | . | . | . | . | 115 |
| Discharged and on visit :— | | | | | | | | | |
| <i>Sane.</i> — Much improved, | . | . | . | . | . | . | . | . | 1 |
| Improved, | . | . | . | . | . | . | . | . | 18 |
| Not improved, | . | . | . | . | . | . | . | . | 9 |
| Died, | . | . | . | . | . | . | . | . | 7 |
| On visit, | . | . | . | . | . | . | . | . | 11 |
| Escaped, | . | . | . | . | . | . | . | . | 1 |
| | | | | | | | | — | 47 |
| <i>Insane.</i> — Improved, | . | . | . | . | . | . | . | . | 11 |
| Not improved, | . | . | . | . | . | . | . | . | 3 |
| Died, | . | . | . | . | . | . | . | . | 14 |
| On visit, | . | . | . | . | . | . | . | . | 2 |
| | | | | | | | | — | 30 |
| Number of patients remaining Sept. 30, 1902, | . | . | . | . | . | . | . | . | 377 |
| Daily average of patients, | . | . | . | . | . | . | . | . | 322.63 |
| Per capita cost (per week), | . | . | . | . | . | . | . | . | \$4.31 |

I have attempted to render such a statement as, taken in conjunction with the reports of previous years, will make a connected account of all the main features of our work so far as they come under my care.

In an institution where there are so many pressing needs it is not easy to select the most urgent; but after careful consideration of all our circumstances I wish to present the following, as in my judgment requiring early action :—

NEEDS OF PRESENT YEAR.

1. Farm group as outlined.
2. Additional room, so that there may be a general employees' dining room.

NEEDS OF NEXT YEAR.

1. A cold storage plant.
2. An asylum building for the special care of 50 men ; an asylum building for the special care of 50 women.
3. Balconies on the present men's and women's hospitals.
4. A laboratory building.

I am well aware that we need separate cottages for colony cases ; but it seems to me that by providing a farm group and asylum buildings we shall be able so to classify and rearrange that this end will be partly attained, and that we can make a good number of strictly sane cases very comfortable and give them advanced treatment. The cottages may possibly be deferred.

As for the asylum plan, we certainly feel a pressing need of suitable houses for the insane. An insane department under a separate medical head, so far as may be thought wise, but for the convenience of frequent transfers not too far away, is, in my judgment, desirable for the welfare of the patients. Maniacal attacks are so frequent and unavoidable, even with many of the best class of cases, that such a building needs to be a part of our general plan, just as our present infirmary is needed for the temporarily sick.

TRAINING SCHOOL.

List of Graduates, Massachusetts Hospital for Epileptics Training School for Nurses, 1902.

Manwarring, Annabelle M. D.
Rowe, Hattie E.
Smith, Alice B.
Briggs, Carroll W.

Manwarring, Edwin S.
McKeever, James L.
McKeever, Walter L.

Medical Lectures.

| DATE. | NAME. | Subject. |
|--------------|------------------------|---|
| 1902. | | |
| Jan. 31, . | Dr. H. C. Emerson, . | Bacteriology. |
| Feb. 6, . | Dr. H. C. Emerson, . | Bacteriology. |
| Feb. 14, . | Dr. M. B. Hodskins, . | Typhoid fever. |
| Feb. 21, . | Dr. A. O. Morton, . | Diseases of the organs of respiration. |
| March 14, . | Dr. P. W. Soule, . | Some facts about the teeth. |
| March 20, . | Dr. G. E. Fuller, . | Reminiscences from a physician's life. |
| March 25, . | Dr. L. C. Miller, . | Hygiene of the sick room. |
| April 4, . | Dr. J. P. Schneider, . | Vaccination. |
| April 11, . | Dr. A. C. Getchell, . | The heart. |
| April 17, . | Dr. T. S. Bacon, . | Communicable diseases. |
| April 18, . | Dr. A. C. Getchell, . | Pulmonary tuberculosis |
| April 25, . | Dr. T. S. Bacon, . | General points in nursing. |
| May 25, . | Dr. Everett Flood, . | Closing address and presentation of diplomas. |

The training school course has been lengthened to three years.

PAPERS WRITTEN.

The following papers have been prepared during the year by the superintendent and his assistants: —

1. Two addresses on subjects not medical.
2. Address before men's meeting, Monson, on "State Charities."
3. Address to graduates of training class.
4. Paper on "Terms used to describe epileptic phenomena," before the Hampden District Medical Society.
5. Abstract of Kraepelin on katatonia.
6. Abstract of Kraepelin on dementia precox.
7. Typhoid fever, for training class.
8. Diseases of the organs of respiration, for the training class.
9. The lymphatic system.
10. A few points on urinalysis.
11. Manual of instruction, for employees.
12. Enumeration of the epileptic persons in Hampden County and three towns of Worcester County.
13. Care of epileptics in Massachusetts, for "American Academy of Medicine."
14. Massachusetts Hospital for Epileptics, for "American Journal of Insanity."

Many of these papers have been put in print by the industrial room plant.

OBSERVATIONS UNDER WAY.

1. Psychological studies.
2. Observations on diet.
3. Treatment of ordinary conditions.
4. Treatment of status.
5. Training: self-restraint; industrial; school.
6. The well meaning of epileptics.
7. The dependence of epileptics.
8. The frequency of accidents, and ways in which they happen.
9. The need of separate buildings and separate rooms for some cases.
10. Advantages of epileptic persons being treated at a considerable distance from their homes.

THE PER CAPITA COST.

The per capita cost is apparently lower than ever before. This is largely due to the fact that a large part of the coal on our contract was not delivered until after October 1. The outlay goes over to the next year.

We hope and expect to reduce our cost year by year; but there are also several reasons why the rate is naturally higher than in some other institutions: —

1. The institution is new.
2. The number of patients small.
3. Cost of treatment is larger than with ordinary chronic cases.
4. Our patients are invalids, and not capable of accomplishing a large amount of work.
5. A greater number of attendants is needed.
6. A variety of food is demanded.
7. The patients are largely sane people, requiring a great deal of individual consideration in clothing and treatment.

GIFTS.

I am glad to render grateful acknowledgment for the following gifts: —

| NAME. | RESIDENCE. | Gift. |
|--|-------------|--|
| Mrs. Mabel W. Stedman, | Brookline, | Silk pieces. |
| Dr. Henry P. Jaques, . | Lenox, . | Pony and harness. |
| Mrs. J. P. Barnard, . | Weymouth, | Two boxes, containing books, papers, magazines and clothing. |
| A friend, | Foxborough, | Box, containing books, papers and magazines. |
| Dr. H. P. Bowditch, . | Boston, . | Medical books. |
| Mr. C. E. Fish, . . . | Palmer, . | Papers and magazines. |
| Mrs. W. S. Hyde, . . | Ware, . | Books. |
| Dr. Wm. N. Bullard, . | Boston, . | Medical magazines. |
| Mr. Burton F. Reed, . | Boston, . | Clothing. |
| Rev. W. A. Moore, . . | Palmer, . | Papers and magazines. |
| Miss Annie E. Fisherick, | Palmer, . | Papers and magazines. |
| Rev. W. H. Hart, . . | Palmer, . | Papers and magazines. |
| Mr. Thaddeus Cushman, | Monson, . | Papers and magazines. |
| Miss Cushman, . . . | Monson, . | Book. |
| Central Massachusetts Electric Company, C. E. Fish, Manager. | Palmer, . | Admission of patients to theatre at Forest Lake, on various occasions. |
| Mr. Frank S. Keith, . | Palmer, . | Papers and magazines. |
| Mrs. E. A. Allis, . . | Boston, . | Magazines. |
| A friend, | Palmer, . | Papers and magazines. |

Table showing Patients employed, and in what Way.

| | Males. | Females. |
|--|--------|----------|
| Grading, | 27 | — |
| Industrial building:— | | |
| Chair seating, | 2 | — |
| Printing, | 3 | — |
| Tailoring, cutting, | 1 | — |
| Tailoring, sewing, | 1 | — |
| Cobbling, | 2 | — |
| Jobbing, | 1 | — |
| Carving, | 1 | — |
| Hair picking, | 2 | — |
| Shoe sewing, | 1 | — |
| Mat making, | 1 | — |
| Employees' cottage, | — | 4 |
| Dining rooms, | 8 | 10 |
| Teaching, | — | 1 |
| Music practice for assemblies, | 1 | — |
| Kitchens, | 12 | 28 |
| Laundry, | 6 | 56 |
| With yard man, | 5 | — |
| Stone, etc., | 20 | — |
| Painting, | 4 | — |

Table showing Patients employed, and in what Way — Concluded.

| | Males. | Females. |
|--|--------|----------|
| On roads, | 1 | — |
| Stable, | 3 | — |
| Sewing rooms, | — | 24 |
| Ward work, | 44 | 54 |
| Administration building, | — | 3 |
| Laboratory, | 1 | — |
| Clerical, | 3 | — |
| Weaving, | 2 | 1 |
| Farm : — | | |
| Such work as apple picking, barn, vegetable garden, clearing land, cutting brush, ditching, teaming, tending sheep, tending cows, milking, with gar- dener, | 35 | — |
| Totals, | 187 | 181 |

AMUSEMENTS.

Dances, 47; sheet and pillow-case masquerade, 1; whist party, 1; readings and impersonations, 10; lecture, "A Trip to Brazil," 1; illustrated lecture, "A Curious Entertainment," 1; illustrated lecture, "Expositions," 1; sessions of dancing school, 7; illustrated lectures, "The Passion Play," 2; entertainment, "Legerdemain," 1; entertainment, "Ventriloquism," 1; musicales, 3; phonograph concert, 1; farce, "Mr. Bob," 1; farce, "Sunbonnets," 1; farce, "A Chinese Dummy," 1; comedy, "The Old Maids' Association," 1; excursions to Forest Lake, 19; sleigh rides, 15; carriage rides, 12; excursion to Palmer, May 30, 1902, to see parade, 1.

SCHOOLS.

Average number of persons attending school, males, 8; females, 14; one patient, who is an experienced teacher, assists the instructors. Instruction is given in (1) the kindergarten; (2) reading; (3) writing; (4) numbers; (5) geography; (6) history; (7) nature study; (8) calisthenics.

Respectfully submitted,

EVERETT FLOOD,
Superintendent.

ARTICLES MADE AND REPAIRED IN THE SEWING ROOM.

| | | | |
|------------------------------|-------|------------------------------|-----|
| Sheets made, . . . | 219 | Piano cover made, . . . | 1 |
| Pillow cases made, . . . | 374 | Aprons made, . . . | 133 |
| Pillow ticks made, . . . | 84 | Skirts made, . . . | 2 |
| Tablecloths made, . . . | 96 | Shirt waist made, . . . | 1 |
| Napkins made, . . . | 445 | Night dresses made, . . . | 8 |
| Curtains made, . . . | 10 | Chemises made, . . . | 6 |
| Sash curtains made, pairs, . | 27 | Drawers made, pairs, . . . | 18 |
| Bureau and commode covers | | Bibs made, . . . | 72 |
| made, . . . | 151 | Suspenders made, pairs, . | 55 |
| Towels made, . . . | 3,002 | Garters made, pairs, . . . | 106 |
| Clothes bags made, . . . | 63 | Neckties made, . . . | 11 |
| Tea and coffee bags made, . | 48 | Chair covers made, . . . | 4 |
| Rugs made, . . . | 145 | Hats trimmed, . . . | 22 |
| Dusters made, . . . | 102 | Blankets hemmed, . . . | 126 |
| Oven cloths made, . . . | 52 | Overcoats repaired, . . . | 59 |
| Floor swabs made, . . . | 328 | Trousers shortened, pairs, . | 31 |
| Shirts made, . . . | 246 | Sleeves shortened, pairs, . | 3 |
| Night shirts made, . . . | 219 | | |

ARTICLES MADE AND REPAIRED IN THE WARDS.

| | | | |
|----------------------------------|-----|---------------------------------------|-------|
| Aprons made, | 219 | Coats relined, | 2 |
| Bed socks made, pairs, | 19 | Corset covers mended, | 71 |
| Bibs made, | 2 | Chemises mended, | 85 |
| Chemises made, | 53 | Dresses mended, | 380 |
| Corset covers made, | 40 | Dresses shortened, | 39 |
| Dresses made, | 111 | Drawers mended, pairs, | 189 |
| Drawers made, pairs, | 30 | Mittens mended, pairs, | 12 |
| Dress skirts made, | 2 | Night dresses mended, | 261 |
| Night dresses made, | 53 | Night shirts mended, | 337 |
| Night shirts made, | 12 | Overalls mended, pairs, | 318 |
| Petticoats made, | 52 | Petticoats mended, | 198 |
| Restraints made, | 26 | Shirts mended, | 594 |
| Shirt waists made, | 9 | Shirt waists mended, | 27 |
| Clothes bags made, | 23 | Stockings mended, pairs, | 2,718 |
| Curtains made, | 25 | Trousers mended, pairs, | 482 |
| Christmas bags made, | 400 | Underdrawers mended, pairs, | 1,312 |
| Dish cloths made, | 4 | Undervests mended, | 441 |
| Iron holders made, | 296 | Bedspreads mended, | 7 |
| Rug made, | 1 | Blankets mended, | 2 |
| Sheets made, | 61 | Bed ticks mended, | 2 |
| Screens made, | 10 | Clothes bags mended, | 33 |
| Towels made, | 612 | Pillow slips mended, | 2 |
| Aprons mended, | 186 | Sheets mended, | 43 |
| Bibs mended, | 16 | Towels mended, | 22 |
| Coats mended, | 470 | Tablecloths mended, | 5 |

ARTICLES MADE AND REPAIRED IN THE INDUSTRIAL ROOMS.

| | | | |
|---|-----|---------------------------------------|---------|
| Boots made, pair, | 1 | Checkers made, | 240 |
| Shoes made, pairs, | 134 | Flower stands made, | 4 |
| Slippers made, pairs, | 94 | Mittens made, pairs, | 296 |
| Boots, shoes and slippers re- paired, | 956 | Trousers made, pairs, | 329 |
| Boots, shoes and slippers marked, pairs, | 122 | Overalls made, pairs, | 137 |
| Hammer handles made, | 11 | Jumpers made, | 28 |
| Pillows made, | 102 | Vests made, | 93 |
| Picture frames made, | 2 | Drawers made, pairs, | 187 |
| Arbor poles made, | 8 | Coats made, | 144 |
| Wire hangers made, | 210 | Shirts made, | 69 |
| Coat hangers made, | 83 | Suits made, | 3 |
| Slabs for cemetery made, | 9 | Dresses made, | 47 |
| Box traps made, | 2 | Dress skirts made, | 18 |
| Boxes made, | 11 | Aprons made, | 103 |
| Squirrel cage made, | 1 | Petticoats made, | 57 |
| Rustic seats made, | 4 | Chemises made, | 127 |
| Lawn swings made, | 2 | Night dresses made, | 105 |
| Brooms made, | 108 | Towels made, | 40 |
| Broom corn seeded, acre, | 1 | Bandages made, | 541 |
| Bootjack made, | 1 | Wristers made, pairs, | 2 |
| Screens made, | 3 | Water-bottle bags made, | 2 |
| Match safes made, | 48 | Holders made, | 25 |
| Report boards made, | 2 | Bibs made, | 2 |
| Tin name holders made, | 325 | Clock case made, | 1 |
| Yoke for steers made, | 1 | Crutches made, pair, | 1 |
| Medicine closets made, | 4 | Hair picked, pounds, | 100 |
| Greenhouse tags made, | 775 | Pamphlets printed, | 70 |
| | | Weekly paper printed, copies, | 4,050 |
| | | Blanks printed, | .96,180 |

| | | | |
|---------------------------------|-----|--------------------------------|-------|
| Pillows renovated, | 607 | Whips repaired, | 4 |
| Umbrellas repaired, | 41 | Blankets eyeletted, | 48 |
| Suspenders repaired, pairs, . . | 34 | Chairs resealed, | 40 |
| Screens repaired, | 11 | Clothes bars repaired, | 2 |
| Harnesses repaired, | 37 | Mail bags repaired, | 2 |
| Baseballs repaired, | 2 | Settee repaired, | 1 |
| Baskets repaired, | 60 | Step ladders repaired, | 5 |
| Checkerboard stands painted, . | 12 | Truss repaired, | 1 |
| Chair cushions repaired, . . | 3 | Hassocks repaired, | 4 |
| Piano stool repaired, | 1 | Cart repaired, | 1 |
| Butter tubs cut down, | 50 | Hymnals repaired, | 30 |
| Barber chairs repaired, | 4 | Belts repaired, | 6 |
| Stands repaired, | 3 | Beans picked over, bushels, . | 3 |
| Carriage mat repaired, | 1 | Shoulder braces repaired, . . | 4 |
| Carriage robes repaired, . . . | 2 | Lawn swing repaired, | 1 |
| Curtains hung, | 41 | Pieces mended, | 2,418 |
| Horse blankets repaired, . . . | 4 | | |

FARM PRODUCTS

FROM OCT. 1, 1901, TO OCT. 1, 1902.

| | |
|--|------------|
| Milk, 134,874 quarts, | \$6,743 70 |
| Eggs, 232 dozen, | 58 00 |
| Hay, 187 tons, | 3,179 00 |
| Meadow hay, 18 tons, | 180 00 |
| Oat hay, 10 tons, | 120 00 |
| Ensilage, 300 tons, | 900 00 |
| Green fodder, 69 tons, | 207 00 |
| Rhubarb, 435 pounds, | 17 40 |
| Strawberries, 50 quarts, | 6 00 |
| Currants, 271 quarts, | 27 10 |
| Lettuce, 1,695 heads, | 33 90 |
| Green peas, 95½ bushels, | 119 37 |
| Radishes, 9 bushels, | 18 00 |
| Cucumbers, 4,718, | 4 36 |
| Cucumbers for pickles, 13 bushels, | 19 50 |
| Sweet corn, 9,648 ears, | 96 48 |
| Tomatoes, ripe, 94½ bushels, | 47 12 |
| Tomatoes, green, | 49 00 |
| Peaches, ½ bushel, | 1 00 |
| Pears, 9½ bushels, | 19 00 |
| Crab apples, 13½ bushels, | 13 50 |
| Apples, 800 barrels, | 1,000 00 |
| Cider apples, 1,500 bushels, | 150 00 |
| Summer squash, 2,575 pounds, | 64 37 |
| Winter squash, 4½ tons, | 90 00 |
| Garden beans, 28½ bushels, | 28 50 |
| Beans, 30 bushels, | 30 00 |
| Quinces, 1 bushel, | 1 00 |
| Pumpkins, 500, | 5 00 |
| Horseradish, 2 barrels, | 2 00 |
| Peppers, 2 bushels, | 2 00 |
| Potatoes, 636 bushels, | 477 00 |
| Cabbage, 9 tons, | 180 00 |
| Turnips, 556 bushels, | 194 60 |
| Beets, 460 bushels, | 230 00 |
| Carrots, 410 bushels, | 205 00 |

Amount carried forward, \$14,518 90

Amount brought forward, \$14,518 90

| | |
|--------------------------------|--------|
| Onions, 160 bushels, | 160 00 |
| Field corn, 700 bushels, | 455 00 |
| Broom corn, 1 acre, | 40 00 |
| Blackberries, 40 quarts, | 4 80 |
| Parsnips, 135 bushels, | 101 25 |
| Grapes, 5½ bushels, | 2 75 |
| Greens, 98 bushels, | 49 00 |
| Wool, 275 pounds, | 55 00 |
| Pigs sold, 59, | 211 50 |
| Calves sold, 17, | 28 00 |
| Lamb sold, 1, | 8 00 |
| Onions sold, 25½ bushels, | 32 00 |
| Green tomatoes sold, ½ bushel, | 25 |
| Hides sold, 97 pounds, | 5 67 |
| Pork sold, | 109 52 |
| Cabbage plants sold, | 3 00 |
| Lamb pelts sold, 23, | 13 65 |
| Calf skins sold, 2, | 1 20 |

Vegetables from greenhouse:—

| | |
|--------------------------------|-------|
| Cabbages, 450, | 38 40 |
| Lettuce, 546 heads, | 10 92 |
| Tomatoes, 18 bushels, | 12 00 |
| Spinach, 3 bushels, | 2 00 |
| Parsley, 3 bushels, | 2 00 |
| Squashes, 100, | 1 00 |
| Cauliflower, 65 heads, | 9 75 |
| Beans, 7 bushels, | 7 00 |
| Peas, 6½ bushels, | 6 50 |
| Onions, 4 bushels, | 4 00 |
| Carrots, 5 bushels, | 3 00 |
| Beets, 5 bushels, | 3 00 |
| Celery, 432 heads, | 11 50 |
| Corn, 2 bushels, | 1 00 |
| Turnips, 4 bushels, | 1 50 |
| Pumpkins, 40, | 40 |
| Cucumbers, 300, | 7 00 |
| Dandelions, 6 bushels, | 6 00 |
| Peppers, ½ bushel, | 50 |
| Radishes, 2 bushels, | 2 00 |
| Grapes, ½ bushel, | 1 00 |
| Tomato plants for farm, 750, | 10 75 |
| Cabbage plants for farm, 250, | 50 |
| Lettuce plants for farm, 300, | 1 50 |
| Pepper plants for farm, 1 box, | 50 |
| Celery plants for farm, 1 box, | 50 |

Total, \$15,948 71

LIST OF PERSONS

REGULARLY EMPLOYED AT THE MASSACHUSETTS HOSPITAL FOR
EPILEPTICS.

| | |
|--|---------------|
| Superintendent, per year, | \$2,500 00 |
| Assistant physicians (2), per year, | 1,000 00 |
| Treasurer, per year, | 300 00 |
| Clerk, per year, | 600 00 |
| Stenographer, per month, | 30 00 |
| Steward, per year, | 710 00 |
| Drug clerk, per month, | 25 00 |
| Superintendent of nurses, per month, | 24 00 |
| Supervisor (woman), per month, | 24 00 |
| Supervisor (man), per month, | 30 00 |
| Night nurses (women, 5), per month, | \$14 00-18 00 |
| Nurses (women, 16), per month, | 14 00-22 00 |
| Night nurses (men, 5), per month, | 20 00-23 00 |
| Nurses (men, 17), per month, | 20 00-32 00 |
| Engineer, per year, | 950 00 |
| Assistant engineer, per month, | 45 00 |
| Helper, per month, | 30 00 |
| Firemen (3), per month, | \$23 00-25 00 |
| Baker, per month, | 45 00 |
| Kitchen man, per month, | 25 00 |
| Handy man, | 33 00 |
| Cooks (4), per month, | \$22 00-25 00 |
| Assistant cooks (3), per month, | 16 00-18 00 |
| Table girls (4), per month, | 14 00-18 00 |
| Foreman industrial room, per month, | 45 00 |
| Seamstress, per month, | 30 00 |
| Assistant seamstresses (2), per month, | \$14 00-18 00 |
| Laundress, per month, | 23 00 |
| Laundryman, per month, | 20 00 |
| Assistant laundresses (5), per month, | \$16 00-18 00 |
| Farmer, per year, | 850 00 |
| Assistant farmers (9), per month, | \$20 00-30 00 |
| Gardener, per month, | 27 50 |
| Driver, per month, | 32 00 |
| Head carpenter, per day, | 2 50 |
| Assistant carpenters (3), per day, | 2 25 |
| Painter, per day, | 2 00 |

GENERAL INFORMATION.

METHODS OF ADMISSION.

The methods by which patients are admitted to this hospital are as follows :—

1. The regular insane commitment, such as is used at the insane hospitals.

2. The sane indigent ; in this case the approval of a judge is required in addition to the physician's certificate and the notification of the town authorities.

3. The sane private, in which two sureties are required to sign the patient's application.

Every patient is required to work as much as he is able. Patients are not allowed to go to town alone, nor to walk out alone. They are expected to live on plain diet and to go to bed early. Those restrictions are not irksome when they are fully understood and can be easily complied with.

PATIENTS' CLOTHING.

The outfit requisite for a patient coming here is very much the same as would be needed at home.

LOCATION.

The hospital is located in the town of Monson, but less than one mile from the village of Palmer, so that Palmer is the address for all purposes. Palmer is on the Boston & Albany Railroad between Worcester and Springfield, and is at the junction of the Boston & Albany and the New London & Northern division of the Central Vermont. The Ware River branch of the Boston & Albany Railroad has one terminus in Palmer, the other in Winchendon. Palmer is 84 miles from Boston, and the railroad fare is \$1.90.

TREASURER'S REPORT.

To the Trustees of the Massachusetts Hospital for Epileptics.

I respectfully submit the following report of the finances of this hospital for the year ending Sept. 30, 1902.

ASSETS.

Real estate: —

| | | |
|---|-------------|-------------|
| Cultivated land, 113 acres, | \$17,311 00 | |
| Woodland, 21 acres, | 1,465 00 | |
| Pasturage, 92 acres, | 4,237 00 | |
| Farm (under appropriation 1901), 120 acres, . | 3,000 00 | |
| Water and sewerage systems, | 30,200 00 | |
| Addition to water and sewerage systems, . | 3,013 00 | |
| Quarry, | 450 00 | |
| | <hr/> | \$59,676 00 |

Buildings: —

| | | |
|---|-------------|------------|
| Original buildings, | \$37,770 00 | |
| Buildings (under appropriation 1895), . . . | 84,000 00 | |
| Buildings (under appropriation 1899), . . . | 85,000 00 | |
| Greenhouse, | 1,100 00 | |
| Boiler house (under appropriation 1900), . | 4,600 00 | |
| Farm cottage (under appropriation 1901), . | 500 00 | |
| Laundry (under appropriation 1901), . . . | 5,074 97 | |
| | <hr/> | 218,044 97 |

Personal estate: —

| | | |
|---|------------|--------------------|
| Live stock on the farm, | \$5,946 00 | |
| Produce of the farm on hand, | 7,161 44 | |
| Carriages and agricultural implements, . . | 3,490 00 | |
| Machinery and mechanical fixtures, . . . | 31,151 01 | |
| Beds and bedding in inmates' department, . | 8,708 46 | |
| Other furniture in inmates' department, . . | 16,996 17 | |
| Personal property of State in administration building and employees' cottage, . . . | 7,462 70 | |
| Ready-made clothing, | 1,202 92 | |
| Dry goods, | 4,240 60 | |
| Provisions and groceries, | 1,861 55 | |
| Drugs and medicines, | 2,725 43 | |
| Fuel, | 3,525 00 | |
| Library, | 625 00 | |
| Other supplies undistributed, | 6,977 30 | |
| | <hr/> | 102,073 58 |
| | | <hr/> \$379,794 55 |

RECEIPTS.

| | | |
|---|------------|--------------|
| Cash on hand Oct. 1, 1901, | | \$5,641 02 |
| Received from State appropriations:— | | |
| Cottage for patients, 1899, | \$1,068 86 | |
| Infirmiry building, 1899, | 8,873 88 | |
| Boiler plant, 1900, | 553 63 | |
| Laundry building and machinery, 1901, | 5,074 97 | |
| Furnishing new buildings, 1901, | 17,485 16 | |
| Painting, | 894 00 | |
| Electric building and machinery, 1902, | 279 71 | |
| Nurses' home, 1902, | 7 13 | |
| For current expenses, 1901, | 2,919 96 | |
| For current expenses, 1902, | 50,561 31 | |
| Total from appropriations, | | 87,718 61 |
| Received from State for support of patients, | \$5,560 74 | |
| Received from towns for support of patients, | 35,446 35 | |
| Received from individuals for support of patients, | 3,978 28 | |
| Received from soldiers' relief for support of patients, | 695 24 | |
| Received from interest on bank balance, | 254 15 | |
| Received from farm and farm products, | 740 60 | |
| Received from store, | 434 84 | |
| Received from barrels, junk and sundries, | 124 61 | |
| Received from forfeit on contract, | 100 00 | |
| | | 47,334 81 |
| Total receipts, | | \$140,694 44 |

EXPENDITURES.

| | | |
|--------------------------------------|-------------|-------------|
| Salaries, wages and labor, | | \$30,363 18 |
| Food:— | | |
| Butter, | \$2,678 53 | |
| Beans, | 54 55 | |
| Bread and crackers, | 157 16 | |
| Cereals, rice, meal, etc, | 628 53 | |
| Cheese, | 44 69 | |
| Eggs, | 1,330 22 | |
| Flour, | 1,960 25 | |
| Fish, | 591 92 | |
| Fruit, | 717 93 | |
| Meats, | 4,537 11 | |
| Milk, | 210 56 | |
| Molasses, | 178 59 | |
| Sugar, | 1,128 61 | |
| Amounts carried forward, | \$14,218 65 | \$30,363 18 |

| | | |
|---|-------------|-------------|
| <i>Amounts brought forward,</i> | \$14,218 65 | \$30,363 18 |
| Tea, coffee, broma and cocoa, | 375 88 | |
| Vegetables, | 964 45 | |
| Sundries, | 614 89 | |
| | <hr/> | 16,173 87 |
| Clothing and clothing material: — | | |
| Boots, shoes and rubbers, | \$100 13 | |
| Clothing, | 311 06 | |
| Dry goods for clothing, etc., | 1,085 16 | |
| Hats and caps, | 20 25 | |
| Leather and shoe findings, | 202 49 | |
| Sundries, | 2 48 | |
| | <hr/> | 1,721 57 |
| Furnishings: — | | |
| Beds, bedding, table linen, etc., | \$317 59 | |
| Brushes, brooms, etc., | 129 49 | |
| Carpets, rugs, etc., | 97 34 | |
| Crockery, glassware, cutlery, etc., | 169 57 | |
| Furniture and upholstery, | 124 43 | |
| Kitchen furnishings, | 388 02 | |
| Woodenware, buckets, pails, etc., | 323 90 | |
| Sundries, | 37 63 | |
| | <hr/> | 1,587 97 |
| Heat, light and power: — | | |
| Coal, | \$6,014 50 | |
| Electricity, | 58 91 | |
| Gas, | 430 62 | |
| Oil, | 136 18 | |
| Sundries, | 125 86 | |
| | <hr/> | 6,766 07 |
| Repairs and improvements: — | | |
| Bricks, | \$48 00 | |
| Cement, lime and plaster, | 223 16 | |
| Doors, sashes, etc., | 440 97 | |
| Electrical work and supplies, | 276 63 | |
| Hardware, | 365 63 | |
| Lumber, | 327 51 | |
| Machinery, etc., | 109 76 | |
| Paints, oil, glass, etc., | 481 64 | |
| Plumbing, steam fitting and supplies, | 1,019 63 | |
| Roofing and materials, | 179 56 | |
| Sundries, | 29 75 | |
| | <hr/> | 3,502 24 |
| Farm, stable and grounds: — | | |
| Blacksmith and supplies, | \$208 85 | |
| Carriages, wagons and repairs, | 345 80 | |
| Fertilizers, vines, seeds, etc., | 302 46 | |
| Hay, grain, etc., | 1,804 19 | |
| Harness and repairs, | 116 62 | |
| | <hr/> | |
| <i>Amounts carried forward,</i> | \$2,777 92 | \$60,114 90 |

| | | |
|---------------------------------------|------------|-------------|
| <i>Amounts brought forward,</i> | \$2,777 92 | \$60,114 90 |
| Horses, | 175 00 | |
| Cows, | 457 50 | |
| Other live stock, | 22 40 | |
| Labor (not on pay roll), | 97 47 | |
| Rent, | 55 00 | |
| Tools, farm machines, etc., | 236 05 | |
| Sundries, | 205 25 | |
| | <hr/> | 4,026 59 |

Miscellaneous : —

| | | |
|---|----------|----------|
| Books, periodicals, etc., | \$268 42 | |
| Chapel services and entertainments, | 627 12 | |
| Freight, express, and transportation, | 837 09 | |
| Funeral expenses, | 33 35 | |
| Gratuities, | 4 10 | |
| Hose, etc., | 115 39 | |
| Labor (not on pay roll), | 1,833 42 | |
| Medicines and hospital supplies, | 1,724 08 | |
| Postage, | 189 53 | |
| Printing and printing supplies, | 71 03 | |
| Return of runaways, | 11 67 | |
| Soap and laundry supplies, | 700 61 | |
| Stationery and office supplies, | 250 94 | |
| School books and supplies, | 20 | |
| Travel and expenses (officials), | 479 85 | |
| Telephone and telegraph, | 208 23 | |
| Tobacco, | 257 37 | |
| Water, | 600 00 | |
| Sundries, | 157 46 | |
| | <hr/> | 8,369 86 |

| | |
|---|--------------|
| Total current expenses, | \$72,511 35 |
| Other expenses on special appropriations, | 34,237 34 |
| Paid State Treasurer, | 22,866 87 |
| Paid on account of patients, | 13 99 |
| | <hr/> |
| Total expenditures, | \$129,629 55 |
| Cash on hand Sept. 30, 1902, | 11,064 89 |
| | <hr/> |
| | \$140,694 44 |

RESOURCES.

| | | |
|--|-------------|-------------|
| Cash on hand,* | \$11,064 89 | |
| Bills receivable for board, | 15,349 41 | |
| Other bills receivable, | 104 40 | |
| Unexpended appropriations available, | 41,391 14 | |
| | <hr/> | \$67,909 84 |

* There is in the treasurer's hands, not included in this amount, the following sums :—

| | |
|---|----------|
| Money belonging to patients, | \$514 51 |
| Money belonging to nurses' training school, | 15 84 |

\$530 35

LIABILITIES.

| | | |
|---|------------|-------------------|
| Salaries unpaid, | \$2,744 91 | |
| Miscellaneous bills, | 3,329 18 | |
| Bills on account of special appropriations, | 2,489 35 | |
| | | <u>\$8,513 44</u> |
| | | \$59,396 40 |

Dividing the total current expenditures (\$72,511.35) by the average number of patients (322.63) shows an annual cost per patient of \$224 75 +
 Equivalent to an average weekly cost of 4 31 +

Statement of Appropriations.

| APPROPRIATIONS. | Amount. | Expended previously. | Expended this Year. | Balance Available. |
|--|---------------------|----------------------|---------------------|--------------------|
| Cottage for patients, | \$10,000 00 | \$8,931 14 | \$1,068 86 | - |
| Infirmery building, | 75,000 00 | 66,126 12 | 8,873 88 | - |
| Boiler plant, | 25,000 00 | 24,446 37 | 553 63 | - |
| Current expense, 1901, | 15,000 00 | 12,080 04 | 2,919 96 | - |
| Laundry building and machinery, | 9,500 00 | 1,855 32 | 5,074 97 | \$2,569 71 |
| Furnishing new buildings, | 20,000 00 | 2,406 57 | 17,485 16 | 108 27 |
| Painting, | 1,000 00 | 106 00 | 894 00 | - |
| Electric building and machinery, | 19,000 00 | - | 279 71 | 18,720 29 |
| Nurses' home, | 20,000 00 | - | 7 13 | 19,992 87 |
| | <u>\$194,500 00</u> | <u>\$115,951 56</u> | <u>\$37,157 30</u> | <u>\$41,391 14</u> |

CHAS. B. FISKE,

Treasurer.

The undersigned certifies that he has compared the amount received for board and care of patients for the year ending Sept. 30, 1902 (\$45,680.61), with the estimated earnings of the hospital for the year, and finds them to agree, after allowing for six months' board of State patients and unpaid bills. He finds vouchers and copies of vouchers for disbursements for current expenses to the amount of \$72,511.35. The footings of the cash book have been verified, and show a balance in the hands of the treasurer on Sept. 30, 1902, of \$11,595.24, as follows:—

| | |
|--|--------------------|
| Deposited in Palmer National Bank, | \$10,271 61 |
| Cash vouchers, payments not entered, | 1,263 26 |
| Cash in safe at hospital, | 60 37 |
| | <u>\$11,595 24</u> |

GEORGE L. CLARK,

Auditor of Accounts.

OCT. 20, 1902.

STATISTICAL TABLES.

[FORM PRESCRIBED BY STATE BOARD OF INSANITY.]

1. — *General Statistics for the Year.*

| | INRAME. | | | NAME. | | | AGGREGATES. | | |
|---|---------|----------|---------|--------|----------|---------|-------------|----------|---------|
| | Males. | Females. | Totals. | Males. | Females. | Totals. | Males. | Females. | Totals. |
| Patients in hospital Oct. 1, 1901, | 72 | 78 | 150 | 59 | 61 | 120 | 131 | 139 | 270 |
| Admitted within the year, | 63 | 52 | 115 | 39 | 26 | 65 | 102 | 78 | 180 |
| Returned from visit, | — | — | — | 2 | 2 | 4 | 2 | 2 | 4 |
| Whole number of cases within the year, | 135 | 130 | 265 | 100 | 89 | 189 | 235 | 219 | 454 |
| Discharged within the year, | 7 | 7 | 14 | 16 | 12 | 28 | 23 | 19 | 42 |
| as much improved, | — | — | — | 1 | — | 1 | 1 | — | 1 |
| as improved, | 5 | 6 | 11 | 10 | 8 | 18 | 15 | 14 | 29 |
| as not improved, | 2 | 1 | 3 | 5 | 4 | 9 | 7 | 5 | 12 |
| Deaths, | 7 | 7 | 14 | 6 | 1 | 7 | 13 | 8 | 21 |
| Visits, | 2 | — | 2 | 6 | 5 | 11 | 8 | 5 | 13 |
| Escapes, | — | — | — | 1 | — | 1 | 1 | — | 1 |
| Patients remaining Sept. 30, 1902, | 119 | 116 | 235 | 71 | 71 | 142 | 190 | 187 | 377 |
| Viz.: State patients, | 23 | 28 | 51 | 16 | 12 | 28 | 39 | 40 | 79 |
| town patients, | 94 | 85 | 179 | 44 | 54 | 98 | 138 | 139 | 277 |
| private patients, | 2 | 3 | 5 | 11 | 5 | 16 | 13 | 8 | 21 |
| Number of different persons within the year, | 135 | 130 | 265 | 99 | 88 | 187 | 234 | 218 | 452 |
| Number of different persons admitted within the year, | 63 | 52 | 115 | 38 | 25 | 63 | 101 | 77 | 178 |
| Daily average number of patients, | 95.13 | 95.46 | 190.59 | 63.69 | 68.35 | 132.04 | 158.82 | 163.81 | 322.63 |
| Viz.: State patients, | 16.54 | 24.73 | 41.27 | 15.43 | 11.53 | 26.96 | 31.97 | 36.26 | 68.23 |
| town patients, | 76.56 | 68.23 | 144.79 | 37.87 | 52.20 | 90.07 | 114.43 | 120.42 | 234.85 |
| private patients, | 2.03 | 2.50 | 4.53 | 10.39 | 4.62 | 15.01 | 12.42 | 7.12 | 19.54 |

2. — *Monthly Admissions, Discharges and Averages* — Concluded.

| MONTHS. | DEATHS. | | | | | | DAILY AVERAGE OF PATIENTS IN THE HOSPITAL. | | | | | | | | | | | |
|-----------------------|---------|----------|---------|--------|----------|---------|--|----------|---------|---------|----------|---------|--------|----------|---------|---------|----------|---------|
| | INSANE. | | | SANE. | | | TOTALS. | | | INSANE. | | | SANE. | | | TOTALS. | | |
| | Males. | Females. | Totals. | Males. | Females. | Totals. | Males. | Females. | Totals. | Males. | Females. | Totals. | Males. | Females. | Totals. | Males. | Females. | Totals. |
| | | | | | | | | | | | | | | | | | | |
| 1901. | | | | | | | | | | | | | | | | | | |
| October, . . . | - | 1 | 1 | 1 | - | 1 | 73.39 | 77.58 | 150.97 | 60.61 | 61.77 | 122.38 | 134.00 | 139.35 | 273.35 | | | |
| November, . . . | 1 | 1 | 2 | 1 | - | 3 | 71.74 | 76.90 | 148.64 | 58.33 | 63.90 | 122.23 | 130.07 | 140.80 | 270.87 | | | |
| December, . . . | - | 1 | 1 | 1 | - | 2 | 70.45 | 73.93 | 144.38 | 54.16 | 63.03 | 117.19 | 124.61 | 136.96 | 261.57 | | | |
| 1902. | | | | | | | | | | | | | | | | | | |
| January, . . . | - | 1 | 1 | - | - | 1 | 70.36 | 75.81 | 146.17 | 58.19 | 64.96 | 123.15 | 128.55 | 140.77 | 269.32 | | | |
| February, . . . | - | - | - | - | - | - | 78.96 | 85.86 | 164.82 | 61.89 | 67.46 | 129.35 | 140.85 | 153.32 | 294.17 | | | |
| March, . . . | - | 1 | 1 | - | - | 1 | 90.19 | 91.00 | 181.19 | 64.74 | 71.30 | 136.04 | 154.93 | 162.30 | 317.23 | | | |
| April, . . . | 1 | 2 | 3 | - | - | 3 | 104.33 | 100.57 | 204.90 | 65.73 | 73.77 | 139.50 | 170.06 | 174.34 | 344.40 | | | |
| May, . . . | 1 | - | 1 | - | - | 1 | 110.00 | 106.55 | 216.55 | 67.26 | 71.74 | 139.00 | 177.26 | 178.29 | 355.55 | | | |
| June, . . . | 2 | - | 2 | 1 | 1 | 4 | 116.97 | 112.33 | 229.30 | 67.30 | 71.57 | 138.87 | 184.27 | 183.90 | 368.17 | | | |
| July, . . . | 1 | - | 1 | 2 | - | 3 | 117.87 | 113.94 | 231.81 | 67.32 | 72.32 | 139.64 | 185.19 | 186.26 | 371.45 | | | |
| August, . . . | - | - | - | - | - | - | 118.68 | 115.00 | 233.68 | 67.93 | 69.91 | 137.84 | 186.61 | 184.91 | 371.52 | | | |
| September, . . . | 1 | - | 1 | - | - | 1 | 118.63 | 116.00 | 234.63 | 70.81 | 68.53 | 139.34 | 189.44 | 184.53 | 373.97 | | | |
| Total of cases, . . | 7 | 7 | 14 | 6 | 1 | 7 | - | - | - | - | - | - | - | - | - | | | |
| Total of persons, . . | 7 | 7 | 14 | 6 | 1 | 7 | - | - | - | - | - | - | - | - | - | | | |
| Daily average, . . | - | - | - | - | - | - | 95.13 | 95.46 | 190.59 | 63.69 | 68.35 | 132.04 | 158.82 | 163.81 | 322.63 | | | |

3. — *Received on First and Subsequent Admissions.*

| NUMBER OF THE ADMISSION. | CASES ADMITTED. | | | | | | | | |
|-----------------------------|-----------------|----------|---------|--------|----------|---------|---------|----------|---------|
| | INSANE. | | | SANE. | | | TOTALS. | | |
| | Males. | Females. | Totals. | Males. | Females. | Totals. | Males. | Females. | Totals. |
| First, | 55 | 48 | 103 | 34 | 23 | 57 | 89 | 71 | 160 |
| Second, | 7 | 4 | 11 | 4 | 1 | 5 | 11 | 5 | 16 |
| Third, | 1 | — | 1 | 1 | 2 | 3 | 2 | 2 | 4 |
| Total of cases, | 63 | 52 | 115 | 39 | 26 | 65 | 102 | 78 | 180 |
| Total of persons, | 63 | 52 | 115 | 38 | 25 | 63 | 101 | 77 | 178 |

4. — *Relations to Hospitals of Cases admitted.*

| | INSANE. | | | SANE. | | | TOTALS. | | |
|---|---------|----------|---------|--------|----------|---------|---------|----------|---------|
| | Males. | Females. | Totals. | Males. | Females. | Totals. | Males. | Females. | Totals. |
| Inmates of this hospital only, | 8 | 4 | 12 | 32 | 23 | 55 | 40 | 27 | 67 |
| Former inmates of this hospital only, | 3 | 3 | 6 | 5 | 3 | 8 | 8 | 6 | 14 |
| Former inmates of this and other hospitals, | 5 | 1 | 6 | — | — | — | 5 | 1 | 6 |
| Former inmates of other hospitals: — | | | | | | | | | |
| Boston and Taunton insane hospitals, | 1 | — | 1 | — | — | — | 1 | — | 1 |
| Danvers Insane Hospital, | 8 | 12 | 20 | — | — | — | 8 | 12 | 20 |
| Danvers and Westborough insane hospitals, | — | 1 | 1 | — | — | — | — | 1 | 1 |
| Hospital Cottages for Children, | — | — | — | 2 | — | 2 | 2 | — | 2 |
| Worcester Insane Hospital, | 1 | — | 1 | — | — | — | 1 | — | 1 |
| Mass. School for the Feeble-minded and Worcester Insane Hospital, | 1 | — | 1 | — | — | — | 1 | — | 1 |
| Northampton Insane Hospital, | 10 | 5 | 15 | — | — | — | 10 | 5 | 15 |
| Taunton Insane Hospital, | 9 | 9 | 18 | — | — | — | 9 | 9 | 18 |
| Taunton and Westborough insane hospitals, | 1 | 1 | 2 | — | — | — | 1 | 1 | 2 |
| Taunton and Worcester insane hospitals, | 1 | — | 1 | — | — | — | 1 | — | 1 |
| Westborough Insane Hospital, | 7 | 7 | 14 | — | — | — | 7 | 7 | 14 |
| Worcester Insane Hospital, | 7 | 7 | 14 | — | — | — | 7 | 7 | 14 |
| Worcester and Northampton insane hospitals, | — | 1 | 1 | — | — | — | — | 1 | 1 |
| Worcester and Westborough insane hospitals, | 1 | 1 | 2 | — | — | — | 1 | 1 | 2 |
| Total of cases, | 63 | 52 | 115 | 39 | 26 | 65 | 102 | 78 | 180 |
| Total of persons, | 63 | 52 | 115 | 38 | 25 | 63 | 101 | 77 | 178 |

5. — *Nativity and Parentage of Persons admitted.*

[illegible]

5. — *Nativity and Parentage of Persons admitted — Concluded.*

| | INSANE. | | | | | | SANE. | | | | | | TOTALS. | | | | | |
|---------------------------------|-----------|----------|----------|-----------|----------|----------|-----------|----------|----------|-----------|----------|----------|-----------|----------|----------|-----------|----------|----------|
| | MALES. | | | FEMALES. | | | MALES. | | | FEMALES. | | | MALES. | | | FEMALES. | | |
| | Patients. | Fathers. | Mothers. | Patients. | Fathers. | Mothers. | Patients. | Fathers. | Mothers. | Patients. | Fathers. | Mothers. | Patients. | Fathers. | Mothers. | Patients. | Fathers. | Mothers. |
| Germany, | 6 | 16 | 15 | 5 | 10 | 11 | 1 | 11 | 26 | 1 | 1 | 1 | 38 | 25 | 25 | 101 | 77 | 178 |
| Ireland, | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| New Brunswick, | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Newfoundland, | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Norway, | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Nova Scotia, | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Prince Edward Island, | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Russia, | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Scotland, | 1 | 3 | 3 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Sweden, | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Wales, | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Unknown, | 2 | 4 | 6 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 5 | 7 | 2 | 7 | 9 |
| Totals, | 63 | 63 | 63 | 52 | 52 | 52 | 38 | 38 | 38 | 63 | 63 | 63 | 101 | 101 | 101 | 77 | 77 | 178 |

6. — *Residence of Persons admitted.*

| COUNTIES. | INSANE. | | | SANE. | | | TOTALS. | | |
|-------------------|---------|----------|---------|--------|----------|---------|---------|----------|---------|
| | Males. | Females. | Totals. | Males. | Females. | Totals. | Males. | Females. | Totals. |
| Barnstable, . . . | - | 1 | 1 | - | - | - | - | 1 | 1 |
| Berkshire, . . . | 3 | 2 | 5 | - | 1 | 1 | 3 | 3 | 6 |
| Bristol, . . . | 5 | 4 | 9 | 5 | 3 | 8 | 10 | 7 | 17 |
| Essex, . . . | 6 | 5 | 11 | 3 | 5 | 8 | 9 | 10 | 19 |
| Franklin, . . . | 2 | 1 | 3 | 3 | - | 3 | 5 | 1 | 6 |
| Hampden, . . . | 3 | 4 | 7 | 4 | 2 | 6 | 7 | 6 | 13 |
| Hampshire, . . . | 7 | 1 | 8 | - | - | - | 7 | 1 | 8 |
| Middlesex, . . . | 11 | 13 | 24 | 8 | 3 | 11 | 19 | 16 | 35 |
| Norfolk, . . . | 2 | 5 | 7 | 1 | 3 | 4 | 3 | 8 | 11 |
| Plymouth, . . . | 4 | 1 | 5 | - | - | - | 4 | 1 | 5 |
| Suffolk, . . . | 15 | 9 | 24 | 6 | 7 | 13 | 21 | 16 | 37 |
| Worcester, . . . | 5 | 6 | 11 | 8 | 1 | 9 | 13 | 7 | 20 |
| Totals, . . . | 63 | 52 | 115 | 38 | 25 | 63 | 101 | 77 | 178 |

7. — Civil Condition of Persons admitted.

INSANE.

| NUMBER OF THE ADMISSION. | | | | UNMARRIED. | | | MARRIED. | | | WIDOWED. | | | DIVORCED. | | | TOTALS. | | |
|--------------------------|---|---|---|------------|-----|------|----------|-----|------|----------|-----|------|-----------|-----|------|---------|-----|------|
| | | | | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. |
| First, . | . | . | . | 40 | 35 | 75 | 10 | 10 | 20 | 5 | 3 | 8 | - | - | - | 55 | 48 | 103 |
| Second, . | . | . | . | 7 | 3 | 10 | - | 1 | 1 | - | - | - | - | - | - | 7 | 4 | 11 |
| Third, . | . | . | . | - | - | - | 1 | - | 1 | - | - | - | - | - | - | 1 | - | - |
| Total of cases, . | . | . | . | 47 | 38 | 85 | 11 | 11 | 22 | 5 | 3 | 8 | - | - | - | 63 | 52 | 115 |
| Total of persons, . | . | . | . | 47 | 38 | 85 | 11 | 11 | 22 | 5 | 3 | 8 | - | - | - | 63 | 52 | 115 |

SANE.

| | | | | | | | | | | | | | | | |
|---------------------|---|---|---|----|----|----|---|---|---|---|---|---|----|----|----|
| First, . | . | . | . | 29 | 22 | 51 | 5 | 1 | 6 | - | - | - | 34 | 23 | 57 |
| Second, . | . | . | . | 3 | 1 | 4 | 1 | - | 1 | - | - | - | 4 | 1 | 5 |
| Third, . | . | . | . | 1 | 2 | 3 | - | - | - | - | - | - | 1 | 2 | 3 |
| Total of cases, . | . | . | . | 33 | 25 | 58 | 6 | 1 | 7 | - | - | - | 39 | 26 | 65 |
| Total of persons, . | . | . | . | 33 | 24 | 57 | 5 | 1 | 6 | - | - | - | 38 | 25 | 63 |

TOTALS.

| | | | | | | | | | | | | | | | |
|---------------------|---|---|---|----|----|-----|----|----|----|---|---|---|-----|----|-----|
| First, . | . | . | . | 69 | 57 | 126 | 15 | 11 | 26 | 5 | 3 | 8 | 89 | 71 | 160 |
| Second, . | . | . | . | 10 | 4 | 14 | 1 | 1 | 2 | - | - | - | 11 | 5 | 16 |
| Third, . | . | . | . | 1 | 2 | 3 | 1 | - | 1 | - | - | - | 2 | 2 | 4 |
| Total of cases, . | . | . | . | 80 | 63 | 143 | 17 | 12 | 29 | 5 | 3 | 8 | 102 | 78 | 180 |
| Total of persons, . | . | . | . | 80 | 62 | 142 | 16 | 12 | 28 | 5 | 3 | 8 | 101 | 77 | 178 |

8. — Occupations of Persons admitted.

MALES.

| | Insane. | Sane. | Totals. | | Insane. | Sane. | Totals. |
|--------------------------|---------|-------|---------|--------------------------|---------|-------|---------|
| Carpenter, . . . | 1 | — | 1 | Painter, . . . | — | 1 | 1 |
| Carriage painters, . . . | 2 | — | 2 | Plumber, . . . | 1 | — | 1 |
| Clerks, . . . | 3 | — | 3 | Printers, . . . | 2 | — | 2 |
| Cutler, . . . | 1 | — | 1 | Rattan worker, . . . | 1 | — | 1 |
| Druggist, . . . | — | 1 | 1 | Real estate agent, . . . | — | 1 | 1 |
| Dye runner, . . . | 1 | — | 1 | Sailors, . . . | 2 | — | 2 |
| Farmers, . . . | 2 | 2 | 4 | Sea captain, . . . | 1 | — | 1 |
| Galvanizer, . . . | 1 | — | 1 | Shipping clerk, . . . | — | 1 | 1 |
| Gardener, . . . | — | 1 | 1 | Shoemakers, . . . | 2 | 1 | 3 |
| Hotel proprietor, . . . | — | 1 | 1 | Student, . . . | — | 1 | 1 |
| Journalist, . . . | — | 1 | 1 | Teamsters, . . . | 1 | 2 | 3 |
| Laborers, . . . | 12 | 2 | 14 | Tanner, . . . | — | 1 | 1 |
| Machinists, . . . | 2 | — | 2 | Unknown, . . . | 25 | 19 | 44 |
| Merchant, . . . | — | 1 | 1 | | | | |
| Operatives, . . . | 2 | 2 | 4 | Totals, . . . | 63 | 38 | 101 |
| Paper hanger, . . . | 1 | — | 1 | | | | |

FEMALES.

| | | | | | | | |
|---------------------|---|---|----|---------------------|----|----|----|
| Domestics, . . . | 7 | 7 | 14 | Seamstresses, . . . | 5 | 1 | 6 |
| Housekeepers, . . . | 5 | 1 | 6 | Teacher, . . . | 1 | — | 1 |
| Housewives, . . . | 8 | 1 | 9 | Unknown, . . . | 21 | 11 | 32 |
| Nurse maid, . . . | 1 | — | 1 | | | | |
| Operatives, . . . | 3 | 4 | 7 | Totals, . . . | 52 | 25 | 77 |
| Postal clerk, . . . | 1 | — | 1 | | | | |

DAUGHTER OR WIFE OF—

| | | | | | | | |
|------------------------|---|---|---|--------------------------|----|---|----|
| Blacksmith, . . . | — | 1 | 1 | Manufacturers, . . . | 2 | — | 2 |
| Bleacher, . . . | 1 | — | 1 | Merchants, . . . | 2 | — | 2 |
| Bookkeeper, . . . | 1 | — | 1 | Miner, . . . | 1 | — | 1 |
| Carpenters, . . . | 2 | 1 | 3 | Painter, . . . | 1 | — | 1 |
| Clerk, . . . | 1 | — | 1 | Real estate agent, . . . | — | 1 | 1 |
| Farmers, . . . | 2 | — | 2 | Shipping clerk, . . . | 1 | — | 1 |
| Florist, . . . | — | 1 | 1 | Tailors, . . . | 2 | 1 | 3 |
| Insurance agent, . . . | — | 1 | 1 | | | | |
| Jeweller, . . . | 1 | — | 1 | Totals, . . . | 20 | 9 | 29 |
| Laborers, . . . | 3 | 3 | 6 | | | | |

9. — Probable Causes of Disease in Persons admitted.

| | INSANE. | | | SANE. | | | Totals. |
|---|---------|----------|---------|--------|----------|---------|---------|
| | Males. | Females. | Totals. | Males. | Females. | Totals. | |
| Alcohol, | 5 | 2 | 7 | — | — | — | 7 |
| Compression of head during birth, . . | — | — | — | 1 | — | 1 | 1 |
| Congenital, . . . | 6 | 2 | 8 | 2 | — | 2 | 10 |
| Dissipation, . . . | — | — | — | 2 | — | 2 | 2 |
| Exposure, | — | — | — | 1 | — | 1 | 1 |
| Fractured skull, . | 1 | — | 1 | — | — | — | 1 |
| Fright, | — | 2 | 2 | 1 | 3 | 4 | 6 |
| Fright of mother be- fore birth, . . . | 1 | — | 1 | — | 1 | 1 | 2 |
| General debility, . | 1 | — | 1 | — | — | — | 1 |
| Heredity, | — | 1 | 1 | 2 | 1 | 3 | 4 |
| Indigestion, . . . | 2 | — | 2 | — | — | — | 2 |
| Intestinal worms, . | — | — | — | 1 | — | 1 | 1 |
| La grippe, | — | — | — | — | 1 | 1 | 1 |
| Malaria, | 1 | — | 1 | 1 | — | 1 | 2 |
| Masturbation, . . | 1 | — | 1 | 1 | — | 1 | 2 |
| Menstruation, . . | — | — | — | — | 2 | 2 | 2 |
| Overeating, . . . | — | 1 | 1 | — | 1 | 1 | 2 |
| Overwork, | 5 | 2 | 7 | 1 | — | 1 | 8 |
| Scarlet-fever, . . | 2 | 1 | 3 | — | 1 | 1 | 4 |
| Shock, | — | 2 | 2 | — | 1 | 1 | 3 |
| Sunstroke, | 4 | — | 4 | 1 | — | 1 | 5 |
| Teething, | 2 | 1 | 3 | 1 | — | 1 | 4 |
| Tobacco, | 2 | — | 2 | — | — | — | 2 |
| Trauma, | 7 | 10 | 17 | 6 | 3 | 9 | 26 |
| Typhoid fever, . . | — | — | — | 1 | — | 1 | 1 |
| Unknown, | 23 | 28 | 51 | 16 | 11 | 27 | 78 |
| Totals, | 63 | 52 | 115 | 38 | 25 | 63 | 178 |

* Assigned causes.

10. — *Record of Cases admitted within the Year.*

| PATIENTS. | INSANE. | | | SANE. | | | AGGREGATES. | | |
|-------------------------------------|---------|----------|---------|--------|----------|---------|-------------|----------|---------|
| | Males. | Females. | Totals. | Males. | Females. | Totals. | Males. | Females. | Totals. |
| Admitted, | 63 | 52 | 115 | 39 | 26 | 65 | 102 | 78 | 180 |
| Discharged improved, | 4 | 3 | 7 | 4 | 7 | 11 | 8 | 10 | 18 |
| not improved, | 1 | 1 | 2 | 4 | 1 | 5 | 5 | 2 | 7 |
| died, | 2 | — | 2 | 2 | 1 | 3 | 4 | 1 | 5 |
| on visit, | 2 | — | 2 | 6 | 4 | 10 | 8 | 4 | 12 |
| Remaining Sept. 30, 1902, | 54 | 48 | 112 | 23 | 13 | 36 | 77 | 61 | 138 |
| Number likely to recover, | — | — | — | — | — | — | — | — | — |
| Number likely to improve, | 5 | 6 | 11 | 14 | 8 | 22 | 19 | 14 | 33 |

11. — *Ages of Epileptics at First Attack, Admission and Death.*

INSANE.

| AGES. | PERSONS ADMITTED. | | | PERSONS DIED. | | | | | |
|----------------------|-------------------|----------|---------|-------------------|----------|---------|-------|-------|-------|
| | AT FIRST ATTACK. | | | AT TIME OF DEATH. | | | | | |
| | Males. | Females. | Totals. | Males. | Females. | Totals. | | | |
| Congenital, | 7 | 2 | 9 | 1 | - | 1 | - | - | - |
| 15 years and less, | 22 | 25 | 47 | 2 | 7 | 9 | 1 | 1 | 1 |
| From 15 to 20 years, | 7 | 6 | 13 | 1 | - | 1 | 1 | 1 | 2 |
| 20 to 25 years, | 4 | 2 | 6 | - | - | - | 1 | 1 | 1 |
| 25 to 30 years, | 4 | 4 | 8 | 1 | - | 1 | 1 | 1 | 1 |
| 30 to 35 years, | 3 | 5 | 8 | - | - | - | 3 | 2 | 3 |
| 35 to 40 years, | 2 | 2 | 4 | - | - | - | - | 1 | 1 |
| 40 to 50 years, | 5 | 1 | 6 | - | - | - | - | 1 | 1 |
| 50 to 60 years, | 4 | 2 | 6 | 1 | - | 1 | 1 | 1 | 1 |
| 60 to 70 years, | 1 | - | 1 | - | - | - | 1 | 1 | 1 |
| 70 to 80 years, | - | - | - | - | - | - | 1 | - | - |
| Unknown, | 4 | 3 | 7 | 1 | - | 1 | - | - | - |
| Total of cases, | 63 | 52 | 115 | 7 | 7 | 14 | 7 | 7 | 14 |
| Total of persons, | 63 | 52 | 115 | 7 | 7 | 14 | 7 | 7 | 14 |
| Mean ages, | 19.83 | 17.15 | 18.61 | 19.7 | 7.5 | 12.88 | 39.61 | 33.21 | 36.43 |

SANE.

| | | | | | | | | | | | | | |
|--------------------------|-------|-------|-------|-------|-------|-------|----|------|------|-------|----|-------|-------|
| Congenital, . . . | 3 | 1 | 4 | 2 | 4 | 6 | 3 | 1 | 3 | 1 | 2 | 1 | 1 |
| 15 years and less, . . | 26 | 16 | 42 | 15 | 8 | 23 | 1 | 1 | 1 | 1 | 2 | 1 | 2 |
| From 15 to 20 years, . . | 1 | 3 | 4 | 15 | 1 | 8 | — | — | — | — | — | — | — |
| 20 to 25 years, . . . | — | 1 | 1 | 7 | 6 | 10 | — | 1 | — | — | 1 | — | 1 |
| 25 to 30 years, . . . | 2 | 2 | 4 | 4 | 3 | 4 | — | — | — | — | — | — | — |
| 30 to 35 years, . . . | 2 | 1 | 3 | 1 | 2 | 2 | 1 | — | 1 | — | 2 | — | 3 |
| 35 to 40 years, . . . | 2 | — | 2 | — | 2 | 8 | — | — | — | — | — | — | — |
| 40 to 50 years, . . . | 2 | — | 2 | 7 | 1 | 3 | — | — | — | — | — | — | 1 |
| 50 to 60 years, . . . | — | — | — | 2 | 1 | 1 | — | — | — | — | 1 | — | — |
| 60 to 70 years, . . . | 1 | — | 1 | 1 | — | 1 | — | — | — | — | — | — | — |
| 70 to 80 years, . . . | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unknown, . . . | — | 2 | 2 | — | — | — | 2 | — | 2 | — | — | — | — |
| Total of cases, . . . | 39 | 26 | 65 | 39 | 26 | 65 | 6 | 1 | 7 | 6 | 1 | 1 | 7 |
| Total of persons, . . . | 38 | 25 | 63 | 38 | 25 | 63 | 6 | 1 | 7 | 6 | 1 | 1 | 7 |
| Mean ages, . . . | 14.45 | 11.69 | 13.41 | 27.37 | 23.08 | 25.65 | 15 | 22.5 | 16.5 | 35.41 | 45 | 36.78 | 36.78 |

11. — *Ages of Epileptics at First Attack, Admission and Death* — Concluded.

TOTALS.

| AGES. | PERSONS ADMITTED. | | | | PERSONS DIED. | | | | |
|----------------------|-------------------|----------|---------|----------------|------------------|---------|--------|-------------------|---------|
| | AT FIRST ATTACK. | | | WHEN ADMITTED. | AT FIRST ATTACK. | | | AT TIME OF DEATH. | |
| | Males. | Females. | Totals. | Males. | Females. | Totals. | Males. | Females. | Totals. |
| Congenital, | 10 | 3 | 13 | — | — | — | 1 | — | — |
| 15 years and less, | 48 | 41 | 89 | 3 | 6 | 9 | 5 | 1 | 1 |
| From 15 to 20 years, | 8 | 9 | 17 | 22 | 14 | 36 | 1 | 1 | 3 |
| 20 to 25 years, | 4 | 3 | 7 | 20 | 8 | 28 | — | 1 | 1 |
| 25 to 30 years, | 6 | 6 | 12 | 9 | 13 | 22 | 1 | 1 | 3 |
| 30 to 35 years, | 5 | 6 | 11 | 6 | 10 | 16 | — | — | — |
| 35 to 40 years, | 4 | 2 | 6 | 4 | 6 | 10 | 1 | — | 1 |
| 40 to 50 years, | 7 | 1 | 8 | 20 | 11 | 31 | — | 2 | 2 |
| 50 to 60 years, | 4 | 2 | 6 | 11 | 8 | 19 | 1 | 1 | 4 |
| 60 to 70 years, | 2 | — | 2 | 6 | 1 | 7 | — | — | — |
| 70 to 80 years, | — | — | — | 1 | 1 | 2 | — | 1 | 1 |
| Unknown, | 4 | 5 | 9 | — | — | — | 3 | — | — |
| Total of cases, | 102 | 78 | 180 | 102 | 78 | 180 | 13 | 8 | 21 |
| Total of persons, | 101 | 77 | 178 | 101 | 77 | 178 | 13 | 8 | 21 |
| Mean ages, | 17.67 | 15.37 | 16.69 | 33.55 | 31.05 | 32.46 | 17.5 | 10.37 | 14.33 |
| | | | | | | | 37.69 | 34.69 | 36.54 |

12. — Reported Duration of Disease before Last Admission.

| PREVIOUS DURATION. | INSANE. | | | | | | SANE. | | | | | | TOTALS. | | | | | |
|---------------------------------------|---|----|---------|-------------------------------|-------|---------|---|-------|---------|-------------------------------|-------|---------|---|-------|---------|-------------------------------|-------|---------|
| | FIRST ADMISSION TO ANY HOSPITAL. | | | ALL OTHER AD- MISSIONS. | | | FIRST ADMISSION TO ANY HOSPITAL. | | | ALL OTHER AD- MISSIONS. | | | FIRST ADMISSION TO ANY HOSPITAL. | | | ALL OTHER AD- MISSIONS. | | |
| | Males. | | Totals. | Males. | | Totals. | Males. | | Totals. | Males. | | Totals. | Males. | | Totals. | Males. | | Totals. |
| | Females. | | | Females. | | | Females. | | | Females. | | | Females. | | | Females. | | |
| Congenital, . . . | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Under 1 month, . . | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| From 1 to 3 months, | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 3 to 6 months, | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 6 to 12 months, | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1 to 2 years, . . . | 1 | - | 1 | - | - | - | 1 | - | - | - | - | - | 1 | - | 1 | 1 | - | 2 |
| 2 to 5 years, . . . | - | - | - | 6 | 4 | 10 | 2 | 4 | 1 | - | - | 3 | 2 | 5 | 1 | 4 | 2 | 6 |
| 5 to 10 years, . . | - | - | - | 8 | 8 | 16 | 9 | 3 | 12 | 3 | - | 12 | 3 | 15 | 9 | 10 | 10 | 20 |
| 10 to 20 years, . . | 1 | 3 | 4 | 24 | 19 | 43 | 11 | 7 | 18 | 4 | 2 | 15 | 9 | 24 | 12 | 28 | 21 | 31 |
| Over 20 years, . . | 1 | 1 | 2 | 19 | 15 | 34 | 4 | 4 | 8 | - | 1 | 4 | 5 | 9 | 5 | 10 | 16 | 35 |
| Unknown, | 1 | - | 1 | 1 | 2 | 3 | - | 1 | 1 | - | - | - | 1 | 1 | 2 | 1 | 2 | 3 |
| Total of cases, . . | 4 | 4 | 8 | 59 | 48 | 107 | 31 | 22 | 53 | 8 | 4 | 12 | 39 | 26 | 65 | 35 | 52 | 119 |
| Total of persons, . | 4 | 4 | 8 | 59 | 48 | 107 | 31 | 22 | 53 | 7 | 3 | 10 | 38 | 25 | 63 | 35 | 51 | 117 |
| Average duration in years, | 15.39 | 20 | 18 | 15.06 | 17.58 | 16.51 | 11.04 | 12.76 | 12.27 | 10.5 | 15.87 | 12.29 | 11.64 | 13.26 | 22.63 | 12.24 | 13.52 | 16.07 |
| | | | | | | | | | | | | | | | | 14.39 | 16.4 | 15.14 |

14. — Discharges, classified by Admission and Result.

| NUMBER OF THE ADMISSION. | MUCH IMPROVED. | | | IMPROVED. | | | NOT IMPROVED. | | | DIED. | | | TOTALS. | | |
|----------------------------|----------------|----------|---------|-----------|----------|---------|---------------|----------|---------|--------|----------|---------|---------|----------|---------|
| | Males. | Females. | Totals. | Males. | Females. | Totals. | Males. | Females. | Totals. | Males. | Females. | Totals. | Males. | Females. | Totals. |
| A. — Insane epileptics : — | | | | | | | | | | | | | | | |
| First, | — | — | — | 3 | 4 | 7 | 2 | 1 | 3 | 6 | 7 | 13 | 11 | 12 | 23 |
| Second, | — | — | — | 1 | 2 | 3 | — | — | — | 1 | — | 1 | 2 | 2 | 4 |
| Third, | — | — | — | 1 | — | 1 | — | — | — | — | — | — | 1 | — | 1 |
| B. — Sane epileptics : — | | | | | | | | | | | | | | | |
| First, | 1 | — | 1 | 8 | 7 | 15 | 3 | 2 | 5 | 6 | — | 6 | 18 | 9 | 27 |
| Second, | — | — | — | 1 | 1 | 2 | 2 | 2 | 4 | — | — | — | 3 | 3 | 6 |
| Third, | — | — | — | — | 1 | 1 | — | — | — | — | 1 | 1 | — | 2 | 2 |
| Total of cases, | 1 | — | 1 | 14 | 15 | 29 | 7 | 5 | 12 | 13 | 8 | 21 | 35 | 28 | 63 |
| Total of persons, | 1 | — | 1 | 14 | 14 | 28 | 7 | 5 | 12 | 13 | 8 | 21 | 34 | 26 | 60* |

* One female person discharged from first admission (sane) as not improved and from readmission (insane) as improved. One male person discharged from second admission (sane) as not improved and from readmission (insane) as improved.

15. — *Causes of Death.*

| | INSANE. | | | SANE. | | | TOTALS. | | |
|---|---------|----------|---------|--------|----------|---------|---------|----------|---------|
| | Males. | Females. | Totals. | Males. | Females. | Totals. | Males. | Females. | Totals. |
| Nervous system :— | | | | | | | | | |
| Exhaustion from epilepsy, | — | 2 | 2 | 1 | 1 | 2 | 1 | 3 | 4 |
| Status epilepticus, . . . | 4 | 1 | 5 | 2 | — | 2 | 6 | 1 | 7 |
| Cerebral thrombosis, . . . | — | — | — | 1 | — | 1 | 1 | — | 1 |
| Cerebro-spinal sclerosis, . | — | — | — | 1 | — | 1 | 1 | — | 1 |
| Genito-urinary system :— | | | | | | | | | |
| Chronic nephritis, . . . | — | 1 | 1 | — | — | — | — | 1 | 1 |
| Respiratory system :— | | | | | | | | | |
| Broncho-pneumonia, . . . | 1 | — | 1 | — | — | — | 1 | — | 1 |
| Pneumonia, | — | — | — | 1 | — | 1 | 1 | — | 1 |
| Pulmonary tuberculosis, . | — | 3 | 3 | — | — | — | — | 3 | 3 |
| General :— | | | | | | | | | |
| Asphyxia during an attack of epilepsy, | 1 | — | 1 | — | — | — | 1 | — | 1 |
| Cirrhosis of liver, . . . | 1 | — | 1 | — | — | — | 1 | — | 1 |
| Totals, | 7 | 7 | 14 | 6 | 1 | 7 | 13 | 8 | 21 |

SANE.

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17. — Deaths, classified by Duration of Disease and Treatment — Concluded.

TOTALS.

| PERIOD. | LAST ATTACK. | | | | | | ALL ATTACKS. | | | | | |
|-------------------------------|----------------------------|----------|---------|---------------------|----------|---------|---------------------------|----------|---------|--------------------------------|----------|---------|
| | DURATION BEFORE ADMISSION. | | | HOSPITAL RESIDENCE. | | | WHOLE DURATION OF ATTACK. | | | WHOLE KNOWN PERIOD OF DISEASE. | | |
| | Males. | Females. | Totals. | Males. | Females. | Totals. | Males. | Females. | Totals. | Males. | Females. | Totals. |
| | | | | | | | | | | | | |
| Epileptic: — | | | | | | | | | | | | |
| Congenital, | — | — | — | — | — | — | — | — | — | — | — | — |
| Under 1 month, | — | — | — | — | — | — | — | — | — | — | — | — |
| From 1 to 3 months, | — | — | — | — | — | — | — | — | — | — | — | — |
| 3 to 6 months, | — | — | — | — | — | — | — | — | — | — | — | — |
| 6 to 12 months, | 1 | — | 1 | 1 | — | 2 | — | — | — | — | — | 2 |
| 1 to 2 years, | 1 | — | 1 | 1 | — | 2 | 1 | — | — | 1 | — | 1 |
| 2 to 5 years, | — | — | — | 7 | 6 | 13 | — | — | — | 3 | 1 | 4 |
| 5 to 10 years, | 3 | 3 | 6 | 1 | — | 1 | 3 | 2 | — | 3 | 5 | 10 |
| 10 to 20 years, | 4 | 1 | 5 | 1 | — | — | 3 | 1 | — | 1 | — | 1 |
| Over 20 years, | 3 | 4 | 7 | — | — | — | 5 | 5 | 10 | — | — | — |
| Unknown, | 1 | — | 1 | — | — | — | 1 | — | 1 | — | — | — |
| Totals, | 13 | 8 | 21 | 13 | 8 | 21 | 13 | 8 | 21 | 13 | 8 | 21 |
| Average in months, | 155.36 | 220.25 | 182.68 | 27.13 | 31.75 | 29.05 | 182.05 | 252 | 211.73 | 182.45 | 252 | 208.83 |